

WHAT IS CLAIMED IS:

1. A candle composition comprising:
a mixture of a high melting point paraffin wax and
a low melting point paraffin wax; and
10-83% wt. of a vegetable oil comprising no more
than 0.3% wt. free fatty acids, the vegetable oil being
present in a greater percentage by weight of the composition
than the mixture of paraffin waxes.
2. A candle composition according to claim 1,
comprising 50-83% wt. of said vegetable oil.
3. A candle composition according to claim 1, wherein
the mixture of paraffin waxes comprises from 1-32% wt. of
the total composition low melting point paraffin wax and 1-
10% wt. of the total composition high melting point wax.
4. A candle composition according to claim 1, wherein
said vegetable oil is hydrogenated.
5. A candle composition according to claim 4, wherein
said hydrogenated vegetable oil is cottonseed oil, soybean
oil, or a combination thereof.
6. A candle composition according to claim 5, wherein
said hydrogenated vegetable oil is a blend of 88% wt.
soybean oil and 12% wt. cottonseed oil.
7. A candle composition according to claim 6, wherein
the blend of vegetable oil comprises between about 50%-83%

wt. of the candle composition.

8. A candle composition according to claim 7, further comprising a polymer, a fragrance oil and a dye.

9. A candle composition according to claim 8, wherein the mixture of paraffin waxes comprises between about 2-43% wt. of the candle composition.

10. A candle composition according to claim 7, wherein the mixture of paraffin waxes comprises between about 2-43% wt. of the candle composition.

11. A candle comprising:

a fuel mixture comprising 10-83% wt. of a vegetable oil having no more than 0.3% wt. of the vegetable oil is free fatty acids, and from 2-43% wt. of at least one petroleum wax; and

a wick at least partly surrounded by the fuel mixture.

12. A candle according to claim 11, further comprising a container holding the fuel mixture and wick.

13. A candle according to claim 12, wherein the container is transparent so that the fuel mixture is visible through walls of the container.

14. A candle according to claim 13, wherein the at least one petroleum wax comprises a wax mixture of a high

09991983-11401

melting point paraffin wax and a low melting point paraffin wax.

15. A candle according to claim 14, wherein the wax mixture comprises from 1-32% wt. of the total fuel mixture of low melting point paraffin wax and 1-10% wt. of the total fuel mixture high melting point paraffin wax.

16. A candle according to claim 11, wherein the at least one petroleum wax comprises a wax mixture of a high melting point paraffin wax and a low melting point paraffin wax.

17. A candle according to claim 16, wherein the wax mixture comprises from 1-32% wt. of the total fuel mixture of low melting point paraffin wax and 1-10% wt. of the total fuel mixture high melting point paraffin wax.

18. A candle according to claim 17, wherein the fuel mixture further comprises a polymer.

19. A candle according to claim 18, wherein the fuel mixture further comprises at least one additive selected from the group consisting of a fragrance, a dye, a UV inhibitor and an antioxidant..

20. A candle comprising:

a fuel mixture comprising 10-83% wt. of a vegetable oil having no more than 0.3% wt. of the vegetable oil is free fatty acids, and at least one petroleum wax, the

2025-11-14 14:44:55

amount of vegetable oil present in the fuel mixture being greater than the amount of the at least one petroleum wax; and

a wick at least partly embedded in the fuel mixture.

21. A candle according to claim 20, further comprising a container holding the fuel mixture and wick.

22. A candle according to claim 21, wherein the container is transparent so that the fuel mixture is visible through walls of the container.

23. A candle according to claim 21, wherein the at least one petroleum wax comprises a wax mixture of a high melting point paraffin wax and a low melting point paraffin wax.

24. A candle according to claim 23, wherein the wax mixture comprises from 1-32% wt. of the total fuel mixture of low melting point paraffin wax and 1-10% wt. of the total fuel mixture high melting point paraffin wax.

25. A candle according to claim 20, wherein the at least one petroleum wax comprises a wax mixture of a high melting point paraffin wax and a low melting point paraffin wax.

26. A candle according to claim 25, wherein the wax mixture comprises from 1-32% wt. of the total fuel mixture

of low melting point paraffin wax and 1-10% wt. of the total fuel mixture high melting point paraffin wax.

27. A candle according to claim 26, wherein the fuel mixture further comprises a polymer.

28. A candle according to claim 27, wherein the fuel mixture further comprises at least one additive selected from the group consisting of a fragrance, a dye, a UV inhibitor and an antioxidant..

29. A candle according to claim 26, wherein the vegetable oil comprises a blend of soy oil and cottonseed oil.

30. A candle according to claim 26, wherein the vegetable oil is hydrogenated.

31. A candle according to claim 20, wherein the vegetable oil comprises a blend of soy oil and cottonseed oil.

32. A candle according to claim 20, wherein the vegetable oil is hydrogenated.

33. A candle composition comprising a fuel mixture comprising 10-83% wt. of a hydrogenated vegetable oil having no more than 0.3% wt. of the hydrogenated vegetable oil is free fatty acids, from 2-43% wt. of at least one petroleum wax and a polymer.

00001983-11401

34. A candle composition according to claim 33, wherein the hydrogenated vegetable oil comprises a blend of soy oil and cottonseed oil.

35. A candle composition according to claim 34, wherein the at least one petroleum wax comprises a wax mixture of a high melting point paraffin wax and a low melting point paraffin wax.

36. A candle composition according to claim 35, wherein the wax mixture comprises from 1-32% wt. of the total composition of low melting point paraffin wax and 1-10% wt. of the total composition of high melting point paraffin wax.

37. A candle composition according to claim 33, wherein the at least one petroleum wax comprises a wax mixture of a high melting point paraffin wax and a low melting point paraffin wax.

38. A candle composition according to claim 37, wherein the wax mixture comprises from 1-32% wt. of the total composition of low melting point paraffin wax and 1-10% wt. of the total composition of high melting point paraffin wax.

39. A candle composition according to claim 33, further comprising at least one additive selected from the group consisting of a fragrance, a dye, a UV inhibitor and an antioxidant.

0991983-1144
FOH TTT E86T5560